

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Rogelj, et al.

SERIAL NO.:

10/002,698

FILED:

December 5, 2001

FOR:

Inhibition of Cell Surface Protein Disulfide Isomerase

**GROUP ART UNIT:** 

1653

**EXAMINER:** 

David Lukton

Commissioner for Patents Mail Stop Non-Fee Response P.O. Box 1450 Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

SIR:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56(a), applicant encloses herewith a copy of Form PTO-1449 listing documents relevant to the background of the invention described and claimed in the above-identified application. Inclusion of a reference herein does not necessarily imply that that reference is prior art. For the convenience of the Examiner, copies of the listed documents are enclosed.

Applicant respectfully requests that the Examiner consider the enclosed references in determining the patentability of the claimed invention. Applicant also requests that the Examiner return a copy of enclosed Form PTO-1449 with initials or other marks indicating that the references have been so considered. If any fee is due, please charge/credit deposit account no. 04-0838.

Respectfully submitted,

Coleman Sudol Sano

By: //// / / /

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Dated: 4-10-0



## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: "Commissionen for Patents, Mail Stop Non-Fee Response, P.O. Box 1450 Alexandria, Virginia/22313-1450" on April 12, 2004.

Henry D. Coleman—Reg. No. 32,559



## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Att'y Ref: Serial No: 10/002,698

Applicant: ROGELJ, et al.

Filing Date:

Art Unit: 1653

December 5,2001

United States Patent Documents						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date

Foreign Patent Documents							
Examiner Initial	Publication Number	Publication Date	Country	Class	Subclass	Transl Yes	ation No
		4914.7					

Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)
	Barbouche et al., "Protein-disulfide Isomerase-mediated Reduction of Two Disulfide Bonds of HIV Envelope Glycoprotein 120 Occurs Post-CXCR4 Binding and Is Required for Fusion", J. Biol. Chem. 2003; 278:3131-3136.
	Fenouillet et al., "Catalytic Activity of Protein Disulfide Isomerase Is Involved in

Examiner:	Date Considered:	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant.

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A LEGIS	Human Immunodeficiency Virus Envelope-Mediated Membrane Fusion after CD4 Cell Binding", Journal of Infectious Diseases 2001; <b>183</b> :744-52.
	Gallina et al., "Inhibitors of Protein-Disulfide Isomerase Prevent Cleavage of Disulfide Bonds in Receptor-bound Glycoprotein 120 and Prevent HIV-1 Entry", J. Biol. Chem. 2002; 277:50579-50588.
	Goldsmith et al., "HIV entry: are all receptors created equal?", Nature Immunology 2002; 3:709-710.
	Matthias et al., "Disulfide exchange in domain 2 of CD4 is required for entry of HIV-1", Nature Immunology 2002; 3:727-732. Corrected (details online); doi:10.1038/ni815 ( <a href="http://immunol.nature.com">http://immunol.nature.com</a> )

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Date Considered:

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